

03050203-020

(*North Fork Edisto River*)

General Description

Watershed 03050203-020 is located in Aiken and Lexington Counties and consists primarily of the *North Fork Edisto River* and its tributaries from its origin to Black Creek. The watershed occupies 59,318 acres of the Sandhills region of South Carolina. The predominant soil types consist of an association of the Lakeland-Troup-Fuquay series. The erodibility of the soil (K) averages 0.11 and the slope of the terrain averages 5%, with a range of 0-15%. Land use/land cover in the watershed includes: 61.2% forested land, 18.6% agricultural land, 12.3% barren land, 6.2% forested wetland (swamp), 0.9% water, 0.5% urban land, and 0.3% nonforested wetland (marsh).

The North Fork Edisto River accepts drainage from the Chinquapin Creek and Lightwood Knot Creek watershed, Carneys Creek, Crooker Branch, and Goose Platter Creek in the upper portion of the watershed. Other tributaries that enter the river as it moves downstream include Chalk Hill Creek (Tom Branch), Marrow Bone Swamp Creek (Juniper Creek), Wolf Pit Branch, Big Branch, Hood Branch (Church Branch), Rambo Branch, and Giddy Swamp Creek. There are numerous small recreational ponds or lakes including Steedman Pond, Chalk Hill Millpond, Collums Millpond, and Amelia Lake. There are a total of 73.6 stream miles and 483.9 acres of lake waters in this watershed, all classified FW.

Surface Water Quality

<u>Station #</u>	<u>Type</u>	<u>Class</u>	<u>Description</u>
E-084	W/INT	FW	NORTH FORK EDISTO RIVER AT S-02-74
E-102	W/INT	FW	NORTH FORK EDISTO RIVER AT S-02-110

North Fork Edisto River – There are two SCDHEC monitoring sites along this section of the North Fork Edisto River. Aquatic life and recreational uses are fully supported at both sites (**E-102, E-084**). Both sites are part of a blackwater system, characterized by naturally low pH and dissolved oxygen concentrations. Although pH excursions were noted, they were typical of values seen in such systems and considered natural, not standards violations.

Groundwater Quality

<u>Well #</u>	<u>Class</u>	<u>Aquifer</u>	<u>Location</u>
AMB-026	GB	MIDDENDORF	WAGENER

NPDES Program

There are currently no NPDES dischargers in this watershed.

Nonpoint Source Management Program

Mining Activities

MINING COMPANY

MINE NAME

PERMIT #

MINERAL

WILSON BROTHERS SAND CO., INC.

AIKEN MINE

1006-03

SAND

Growth Potential

There is a low potential for growth in this watershed, which contains a portion of the Town of Wagener.